

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1338	(438/643).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 08:58
S2	4	("6319819"   "6350687"   "6432822"   "6465361").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/25 15:07
S3	7	("4335506"   "4789648"   "5424246"   "6001739"   "6022808"   "6133144"   "6147000").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/25 15:09
S4	14	((("20050023697") or ("20050023699") or ("5000818") or ("5171713") or ("5889295") or ("5969398") or ("6361667"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 15:42
S5	10	("4782380"   "4847111"   "4897368"   "4927505"   "4976839"   "5075251"   "5162262"   "5188979"   "5286676"   "5318924").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/25 15:43
S6	63	("5633200").URPN.	USPAT	OR	ON	2005/04/25 15:44
S7	10	("5084412"   "5314843"   "5633200"   "5691235"   "5744376"   "5780908"   "5891513"   "5981377"   "6037664"   "6110648").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/25 15:47
S8	1	("6309964").URPN.	USPAT	OR	ON	2005/04/25 15:47
S9	845	(438/627).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 16:05
S10	168	(438/650).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 16:05

## EAST Search History

S11	8	((("6030895") or ("6143655") or ("6143671") or ("5719447"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/26 07:18
S12	1138	(electro adj plating or electroplating or electro-plating) and plug and horizontal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/26 07:20
S13	1001	(silver or gold or copper or ag or au or cu) and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/26 07:21
S14	552	barrier and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/26 07:21
S15	517	438/686	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/26 10:00
S16	33	((("20030034560") or ("4824544") or ("4933743") or ("5071518") or ("5374849") or ("5693563") or ("5840625") or ("5899740") or ("5968327") or ("6028362") or ("6150214") or ("6269024") or ("6174804") or ("6258707") or ("6288447") or ("6417094") or ("6589863"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 11:09
S17	2	("6153507").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 11:25
S18	89274	lateral adj etch or lateral adj etching or undercut or undercutting	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/13 10:55

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S19	470388	barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/12 17:44
S20	6648	S18 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/12 17:45
S21	515064	interconnect or interconnection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/12 17:45
S22	2117	S20 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/12 17:45
S23	763643	plug	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/12 17:45
S24	667	S22 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/12 17:59
S25	1765	farrar.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/12 17:59
S26	175	S19 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/12 17:59

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S27	513	(438/52).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 08:49
S28	18	(coat or coating) near4 cantilever adj beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/13 08:49
S29	1420	(438/643).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 08:58
S30	1	("5795915").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/13 10:48
S31	0	("6143671").URPN.	USPAT	OR	ON	2005/10/13 10:54
S32	10170	plug and barrier adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/13 10:54
S33	627	(lateral adj etch or lateral adj etching or undercut or undercutting) and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/13 10:55
S34	1780	438/643	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 11:35
S35	0	("6143671").URPN.	USPAT	OR	ON	2006/03/04 12:31
S36	1	("5795915").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/04 12:37
S37	6	257/e21.584	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/04 12:38

## EAST Search History

S38	10	(("5348811") or ("6251781") or ("6303498") or ("6365511") or ("6984891")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/04 12:40
S39	0	(conductive adj plug and lateral adj surface and vertically and barrier).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 12:41
S40	16	(conductive adj plug and vertically and barrier).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 12:41